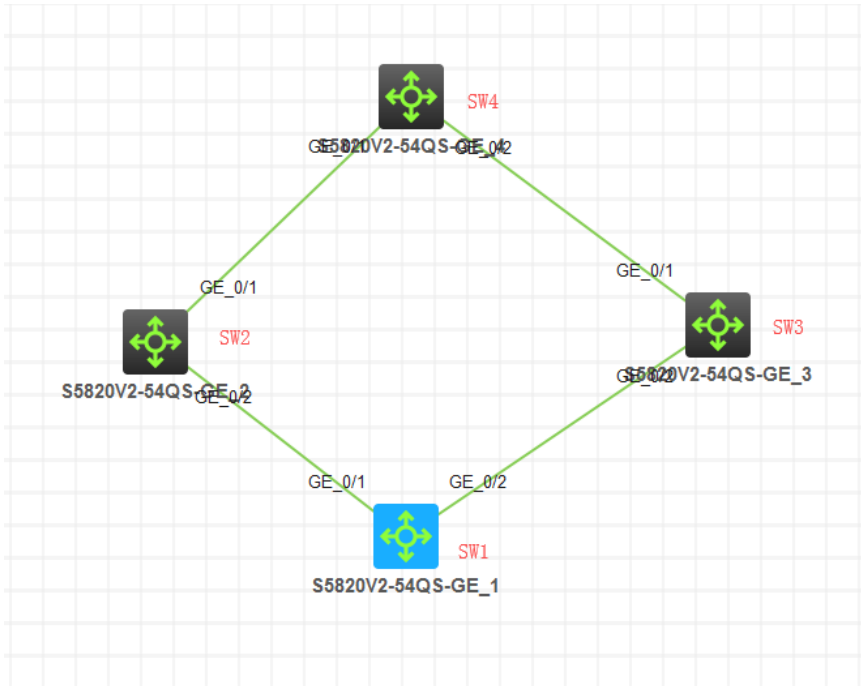


组网及说明



采用双smart-link组，实现两路冗余及流量负载均衡。

配置步骤

- 1、在SW1创建两个smart-link组
- 2、需要两个保护VLAN，这里提前规划，VLAN10作为smart-link组1的保护VLAN，VLAN20作为smart-link组2的保护VLAN

配置关键点

配置过程：

SW1：

```
[H3C]sysname SW1
[SW1]vl 10
[SW1-vlan10]qu
[SW1]vl 20
[SW1-vlan20]qu
[SW1]vl 30
[SW1-vlan30]qu
[SW1]vl 40
[SW1-vlan40]qu
[SW1]

[SW1]stp region-configuration
[SW1-mst-region]region-name H3C.COM
[SW1-mst-region]instance 0 vlan 10 30
[SW1-mst-region]instance 1 vlan 20 40
[SW1-mst-region]active region-configuration
[SW1-mst-region]quit

[SW1]int ran gi 1/0/1 to gi 1/0/2
[SW1-if-range]po li tr
[SW1-if-range]undo po tr pe vlan 1
[SW1-if-range]po tr pe vlan 10 20 30 40
[SW1-if-range]smart-link flush enable control-vlan 10 20
[SW1-if-range]undo stp en
[SW1-if-range]qu
```

```
[SW1]smart-link group 1
[SW1-smlk-group1]protected-vlan reference-instance 0
[SW1-smlk-group1]flush enable control-vlan 10
[SW1-smlk-group1]po gi 1/0/1 primary
[SW1-smlk-group1]po gi 1/0/2 secondary
[SW1-smlk-group1]quit
[SW1]
[SW1]smart-link group 2
[SW1-smlk-group2]protected-vlan reference-instance 1
[SW1-smlk-group2]flush enable control-vlan 20
[SW1-smlk-group2]port gi 1/0/2 primary
[SW1-smlk-group2]port GigabitEthernet 1/0/1 secondary
[SW1-smlk-group2]quit
[SW1]
SW2:
```

```
[H3C]sysname SW2
[SW2]vl 10
[SW2-vlan10]qu
[SW2]vl 20
[SW2-vlan20]qu
[SW2]vl 30
[SW2-vlan30]qu
[SW2]vl 40
[SW2-vlan40]qu
[SW2]int ran gi 1/0/1 to gi 1/0/2
[SW2-if-range]po li tr
[SW2-if-range]undo po tr pe vlan 1
[SW2-if-range]po tr pe vlan 10 20 30 40
[SW2-if-range]smart-link flush enable control-vlan 10 20
[SW2-if-range]quit
[SW2]monitor-link group 1
[SW2-mtlk-group1]port gi 1/0/1 uplink
[SW2-mtlk-group1]port gi 1/0/2 downlink
[SW2-mtlk-group1]quit
```

```
[SW3]vlan 10
[SW3-vlan10]qu
[SW3]vl 20
[SW3-vlan20]qu
[SW3]vl 30
[SW3-vlan30]qu
[SW3]vl 40
[SW3-vlan40]qu
[SW3]int ran gi 1/0/1 to gi 1/0/2
[SW3-if-range]po li tr
[SW3-if-range]undo po tr pe vlan 1
[SW3-if-range]po tr pe vlan 10 20 30 40
[SW3-if-range]smart-link flush enable co
[SW3-if-range]smart-link flush enable control-vlan 10 20
[SW3-if-range]quit
[SW3]monitor-link group 1
[SW3-mtlk-group1]port gi 1/0/1 uplink
[SW3-mtlk-group1]port GigabitEthernet 1/0/2 downlink
[SW3-mtlk-group1]quit
[SW3]
```

SW4（网关所在设备）：

```
[H3C]sysname SW4
[SW4]vlan 10
[SW4-vlan10]qu
[SW4]vlan 20
[SW4-vlan20]quit
[SW4]vlan 30
```

```
[SW4-vlan30]quit
[SW4]vlan 40
[SW4-vlan40]quit
[SW4]int ran gi 1/0/1 to gi 1/0/2
[SW4-if-range]po li tr
[SW4-if-range]undo po tr pe vlan 1
[SW4-if-range]po tr pe vlan 10 20 30 40
[SW4-if-range]smart-link flush enable control-vlan 10 20
[SW4-if-range]quit
[SW4]int vlan 30
[SW4-Vlan-interface30]ip address 192.168.30.254 24
[SW4-Vlan-interface30]undo shutdown
[SW4-Vlan-interface30]quit
[SW4]int vlan 40
[SW4-Vlan-interface40]ip address 192.168.40.254 24
[SW4-Vlan-interface40]undo shutdown
[SW4-Vlan-interface40]quit
[SW4]int LoopBack 0
[SW4-LoopBack0]ip address 1.1.1.1 30
[SW4-LoopBack0]undo shutdown
[SW4-LoopBack0]quit
[SW4]
```